Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
Data File : BG048134.D
Acq On : 10 Feb 2021 16:57
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG021021

Manual Integrations APPROVED
mohammad
2/11/2021 9:49:31 AM

Quant Time: Feb 10 17:33:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 17:26:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	48357	20.00	ng		0.00
21) Naphthalene-d8	10.918	136	195466	20.00	ng		0.00
39) Acenaphthene-d10	14.731	164	150064	20.00	ng		0.00
64) Phenanthrene-d10	17.469	188	385512	20.00	ng		# 0.00
76) Chrysene-d12	21.740	240	394176	20.00	ng		# 0.00
86) Perylene-d12	25.001	264	399257	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	240041	84.50	ng		0.00
7) Phenol-d6	7.252	99	356326	82.56	ng		0.00
23) Nitrobenzene-d5	9.267	82	371300	80.35	ng		0.00
42) 2,4,6-Tribromophenol	16.212	330	195867	81.60	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	846078	79.04	ng		0.00
79) Terphenyl-d14	20.072	244	1611483	74.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.544	88	55494	42.63	ng	#	93
3) Pyridine	3.944	79	154306	42.87	ng		94
4) n-Nitrosodimethylamine	3.856	42	79091	41.39	ng	#	73
6) Aniline	7.428	93	214830	41.66	ng		95
8) 2-Chlorophenol	7.663	128	131108	42.02	ng		91
9) Benzaldehyde	7.234	77	122528	40.07	ng		86
10) Phenol	7.281	94	182015	41.71	ng		79
11) bis(2-Chloroethyl)ether	7.516	93	138466	40.73	ng		97
12) 1,3-Dichlorobenzene	7.992	146	149399	41.45	ng	#	91
13) 1,4-Dichlorobenzene	8.139	146	151969	41.81	ng		94
14) 1,2-Dichlorobenzene	8.462	146	142201m	41.13	ng		
15) Benzyl Alcohol	8.339	79	161024	42.33	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.632	45	177857	40.34	ng		94
17) 2-Methylphenol	8.538	107	117946	41.45	ng	#	86
18) Hexachloroethane	9.190	117	56020	40.42	ng		90
19) n-Nitroso-di-n-propyla...	8.908	70	138744	41.65	ng	#	92
20) 3+4-Methylphenols	8.861	107	163496	41.23	ng		88
22) Acetophenone	8.926	105	220554	39.30	ng	#	93
24) Nitrobenzene	9.308	77	197326	40.02	ng	#	81
25) Isophorone	9.831	82	372321	40.63	ng		93
26) 2-Nitrophenol	10.019	139	82507	40.46	ng	#	69
27) 2,4-Dimethylphenol	10.072	122	119622	40.75	ng		87
28) bis(2-Chloroethoxy)met...	10.313	93	176852	39.48	ng	#	97
29) 2,4-Dichlorophenol	10.554	162	151680	40.40	ng		96
30) 1,2,4-Trichlorobenzene	10.777	180	169273	39.66	ng		96
31) Naphthalene	10.965	128	430452	39.89	ng		99
32) Benzoic acid	10.201	122	80224	37.75	ng	#	83
33) 4-Chloroaniline	11.071	127	189374	40.46	ng	#	92
34) Hexachlorobutadiene	11.253	225	129597	40.60	ng		98
35) Caprolactam	11.840	113	52956	42.58	ng		92
36) 4-Chloro-3-methylphenol	12.181	107	166148	40.03	ng		89
37) 2-Methylnaphthalene	12.563	142	329666	39.30	ng	#	90
38) 1-Methylnaphthalene	12.780	142	313584	39.51	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.927	216	215540	40.22	ng	#	97
41) Hexachlorocyclopentadiene	12.910	237	134653	41.20	ng		98
43) 2,4,6-Trichlorophenol	13.162	196	153706	39.91	ng		94

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44) 2,4,5-Trichlorophenol	13.233	196	170439	41.03	ng	#	94
46) 1,1'-Biphenyl	13.562	154	421718	39.23	ng		98
47) 2-Chloronaphthalene	13.609	162	363847	39.77	ng		98
48) 2-Nitroaniline	13.803	65	137840	41.97	ng	#	79
49) Acenaphthylene	14.449	152	560416	39.60	ng		99
50) Dimethylphthalate	14.179	163	499441	39.80	ng		98
51) 2,6-Dinitrotoluene	14.296	165	113880	40.39	ng	#	68
52) Acenaphthene	14.790	154	386374	40.33	ng		99
53) 3-Nitroaniline	14.625	138	111010	40.08	ng	#	81
54) 2,4-Dinitrophenol	14.825	184	82714	45.06	ng	#	73
55) Dibenzofuran	15.125	168	588148	39.26	ng		95
56) 4-Nitrophenol	14.919	139	99016	43.62	ng	#	54
57) 2,4-Dinitrotoluene	15.078	165	166053	40.77	ng	#	71
58) Fluorene	15.771	166	466998	39.29	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.348	232	170517	40.99	ng		96
60) Diethylphthalate	15.536	149	518555	40.42	ng		95
61) 4-Chlorophenyl-phenyle...	15.765	204	287410	40.16	ng		97
62) 4-Nitroaniline	15.789	138	117688	40.86	ng	#	65
63) Azobenzene	16.059	77	509530	39.80	ng		91
65) 4,6-Dinitro-2-methylph...	15.842	198	118510	42.36	ng		85
66) n-Nitrosodiphenylamine	15.977	169	442037	39.65	ng		100
67) 4-Bromophenyl-phenylether	16.658	248	197297	39.92	ng		97
68) Hexachlorobenzene	16.776	284	204331	40.08	ng		95
69) Atrazine	16.917	200	188616	40.68	ng		98
70) Pentachlorophenol	17.116	266	144640	43.13	ng		98
71) Phenanthrene	17.510	178	817622	39.06	ng		97
72) Anthracene	17.604	178	819512	39.42	ng		97
73) Carbazole	17.869	167	772379	39.29	ng		99
74) Di-n-butylphthalate	18.421	149	880513	40.41	ng	#	98
75) Fluoranthene	19.514	202	1080951	39.67	ng		98
77) Benzidine	19.690	184	494977	38.43	ng		100
78) Pyrene	19.878	202	1086430	39.46	ng		98
80) Butylbenzylphthalate	20.753	149	393934	40.86	ng		89
81) Benzo(a)anthracene	21.723	228	1076210	39.14	ng		99
82) 3,3'-Dichlorobenzidine	21.635	252	393898	39.99	ng		98
83) Chrysene	21.787	228	1026160	39.06	ng		97
84) Bis(2-ethylhexyl)phtha...	21.623	149	547852	40.45	ng		96
85) Di-n-octyl phthalate	22.851	149	928733	40.28	ng		97
87) Indeno(1,2,3-cd)pyrene	28.732	276	1209519	39.98	ng	#	90
88) Benzo(b)fluoranthene	23.967	252	1096639	39.73	ng	#	98
89) Benzo(k)fluoranthene	24.038	252	1052114	39.95	ng	#	97
90) Benzo(a)pyrene	24.849	252	1021295	39.89	ng	#	98
91) Dibenzo(a,h)anthracene	28.791	278	1009406	39.11	ng	#	95
92) Benzo(g,h,i)perylene	29.896	276	990400	39.49	ng	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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